09/630,270

Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:SSSPTAU121BD
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Aug 21	CAS patent coverage expanded
NEWS 3	Aug 24	TABULATE Now Available in More STN Databases
NEWS 4	Aug 28	MEDLINE from 1958 to Date - Only on STN
NEWS 5	Sep 7	DGENE GETSIM ALERT: Similarity Current-Awareness Searching of Biosequences
NEWS 6	Sep 11	Textile Technology Digest (TEXTILETECH) now available on STN
NEWS 7	Sep 21	KKF renamed DKILIT
NEWS 8	Sep 29	The Philippines Inventory of Chemicals and Chemical Substances (PICCS) has been added to CHEMLIST
NEWS 9	Oct 27	New Extraction Code PAX now available in Derwent Files
NEWS 10	Oct 27	SET ABBREVIATIONS and SET PLURALS extended in Derwent World Patents Index files
NEWS 11	Oct 27	Patent Assignee Code Dictionary now available in Derwent Patent Files
NEWS 12	Oct 27	Plasdoc Key Serials Dictionary and Echoing added to Derwent Subscriber Files WPIDS and WPIX

NEWS EXPRESS	FREE UPGRADE 5.0D FOR STN EXPRESS 5.0 WITH DISCOVER! (WINDOWS) NOW AVAILABLE
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:26:11 ON 07 NOV 2000

=> fil reg

FILE 'REGISTRY' ENTERED AT 13:27:34 ON 07 NOV 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

STRUCTURE FILE UPDATES: 6 NOV 2000 HIGHEST RN 301521-88-0
DICTIONARY FILE UPDATES: 6 NOV 2000 HIGHEST RN 301521-88-0

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

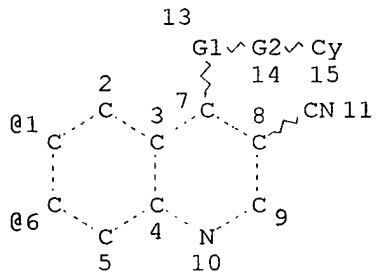
Structure search limits have been increased. See HELP SLIMIT
for details.

*** YOU HAVE NEW MAIL ***
'.REGISTRY' IS DEFAULT FORMAT FOR 'REGISTRY' FILE

=> str

=> d sia

L1 HAS NO ANSWERS
L1   STR



G3 @16

VAR G1=O/N/S
REP G2=(0-1) CH2
VAR G3=O/N
VPA 16-1/6 U
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 15

STEREO ATTRIBUTES: NONE

=> fil stn guide

'STN' IS AN AMBIGUOUS FILE NAME
 STNGUIDE   - Descriptive information about STN databases
 STNMAIL   - STN Electronic Mail Service
Enter the appropriate file name or enter "IGNORE" to continue
accessing the remaining files of your multiple file entry.
ENTER A FILE NAME OR (IGNORE):stnguide

MULTIFILE PROCESSING IS NOT ALLOWED IN FILE 'STNGUIDE'
The file entered is not valid in multifile processing. Enter "HELP
DUFILES" to see a list of the valid files.
ENTER A FILE NAME OR (IGNORE):ignore

*** YOU HAVE NEW MAIL ***
'GUIDE' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available. If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> fil stnguide

FILE 'STNGUIDE' ENTERED AT 13:37:37 ON 07 NOV 2000
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Oct 27, 2000 (20001027/UP).

*** YOU HAVE NEW MAIL ***

=> fil reg

FILE 'REGISTRY' ENTERED AT 13:56:37 ON 07 NOV 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2000 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 6 NOV 2000 HIGHEST RN 301521-88-0
DICTIONARY FILE UPDATES: 6 NOV 2000 HIGHEST RN 301521-88-0

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.
'.REGISTRY' IS DEFAULT FORMAT FOR 'REGISTRY' FILE

=> s l1

SAMPLE SEARCH INITIATED 13:56:45 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 57 TO ITERATE

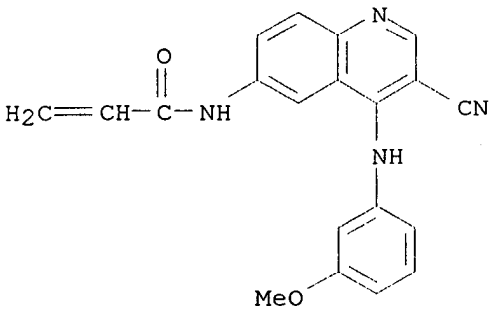
100.0% PROCESSED 57 ITERATIONS 33 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 688 TO 1592
PROJECTED ANSWERS: 316 TO 1004

L2 33 SEA SSS SAM L1

=> d scan

L2 33 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN 2-Propenamide, N-[3-cyano-4-[(3-methoxyphenyl)amino]-6-quinolinyl]- (9CI)
MF C20 H16 N4 O2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 ful

FULL SEARCH INITIATED 13:57:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1041 TO ITERATE

100.0% PROCESSED 1041 ITERATIONS 586 ANSWERS
SEARCH TIME: 00.00.02

L3 586 SEA SSS FUL L1

=> d 1- reg

YOU HAVE REQUESTED DATA FROM 586 ANSWERS - CONTINUE? Y/(N):y

1	RN	294175-35-2	REGISTRY
2	RN	294175-34-1	REGISTRY
3	RN	294175-25-0	REGISTRY
4	RN	294175-24-9	REGISTRY
5	RN	294175-23-8	REGISTRY
6	RN	294175-22-7	REGISTRY
7	RN	294175-21-6	REGISTRY
8	RN	294175-20-5	REGISTRY
9	RN	294175-19-2	REGISTRY
10	RN	294175-18-1	REGISTRY
11	RN	294175-17-0	REGISTRY
12	RN	294175-16-9	REGISTRY
13	RN	294175-15-8	REGISTRY
14	RN	294175-14-7	REGISTRY
15	RN	294175-13-6	REGISTRY
16	RN	294175-12-5	REGISTRY
17	RN	290303-19-4	REGISTRY
18	RN	263171-65-9	REGISTRY
19	RN	263171-62-6	REGISTRY
20	RN	263171-61-5	REGISTRY
21	RN	263171-57-9	REGISTRY
22	RN	263171-56-8	REGISTRY
23	RN	263171-55-7	REGISTRY
24	RN	263171-54-6	REGISTRY
25	RN	263171-53-5	REGISTRY
26	RN	263171-52-4	REGISTRY
27	RN	263171-51-3	REGISTRY
28	RN	263171-50-2	REGISTRY
29	RN	263171-49-9	REGISTRY

30	RN	263171-48-8	REGISTRY
31	RN	263171-47-7	REGISTRY
32	RN	263171-46-6	REGISTRY
33	RN	263171-45-5	REGISTRY
34	RN	263171-44-4	REGISTRY
35	RN	263171-43-3	REGISTRY
36	RN	263171-42-2	REGISTRY
37	RN	263171-41-1	REGISTRY
38	RN	263171-40-0	REGISTRY
39	RN	263171-39-7	REGISTRY
40	RN	263171-38-6	REGISTRY
41	RN	263171-37-5	REGISTRY
42	RN	263171-36-4	REGISTRY
43	RN	263171-35-3	REGISTRY
44	RN	263171-34-2	REGISTRY
45	RN	263171-33-1	REGISTRY
46	RN	263171-32-0	REGISTRY
47	RN	263171-31-9	REGISTRY
48	RN	263171-30-8	REGISTRY
49	RN	263171-29-5	REGISTRY
50	RN	263171-28-4	REGISTRY
51	RN	263171-27-3	REGISTRY
52	RN	263171-26-2	REGISTRY
53	RN	263171-25-1	REGISTRY
54	RN	263171-24-0	REGISTRY
55	RN	263171-23-9	REGISTRY
56	RN	263171-22-8	REGISTRY
57	RN	263171-21-7	REGISTRY
58	RN	263171-20-6	REGISTRY
59	RN	263171-19-3	REGISTRY
60	RN	263171-18-2	REGISTRY
61	RN	263171-17-1	REGISTRY
62	RN	263171-16-0	REGISTRY
63	RN	263171-15-9	REGISTRY
64	RN	263171-14-8	REGISTRY
65	RN	263171-13-7	REGISTRY
66	RN	263171-12-6	REGISTRY
67	RN	263171-11-5	REGISTRY
68	RN	263171-10-4	REGISTRY
69	RN	263171-09-1	REGISTRY
70	RN	263171-08-0	REGISTRY
71	RN	263171-07-9	REGISTRY
72	RN	263171-06-8	REGISTRY
73	RN	263171-05-7	REGISTRY
74	RN	263171-04-6	REGISTRY
75	RN	263171-03-5	REGISTRY
76	RN	263171-02-4	REGISTRY
77	RN	263171-01-3	REGISTRY
78	RN	263171-00-2	REGISTRY
79	RN	263170-99-6	REGISTRY
80	RN	263170-98-5	REGISTRY
81	RN	263170-97-4	REGISTRY
82	RN	263170-96-3	REGISTRY
83	RN	263170-95-2	REGISTRY
84	RN	263170-94-1	REGISTRY
85	RN	263170-93-0	REGISTRY
86	RN	263170-92-9	REGISTRY
87	RN	263170-91-8	REGISTRY
88	RN	263170-90-7	REGISTRY
89	RN	263170-89-4	REGISTRY
90	RN	263170-88-3	REGISTRY

91	RN	263170-87-2	REGISTRY
92	RN	263170-86-1	REGISTRY
93	RN	263170-85-0	REGISTRY
94	RN	263170-84-9	REGISTRY
95	RN	263170-83-8	REGISTRY
96	RN	263170-82-7	REGISTRY
97	RN	263170-81-6	REGISTRY
98	RN	263170-80-5	REGISTRY
99	RN	263170-79-2	REGISTRY
100	RN	263170-78-1	REGISTRY
101	RN	263170-77-0	REGISTRY
102	RN	263170-76-9	REGISTRY
103	RN	263170-75-8	REGISTRY
104	RN	263170-74-7	REGISTRY
105	RN	263170-73-6	REGISTRY
106	RN	263170-72-5	REGISTRY
107	RN	263170-71-4	REGISTRY
108	RN	263170-68-9	REGISTRY
109	RN	263170-67-8	REGISTRY
110	RN	263170-66-7	REGISTRY
111	RN	263170-65-6	REGISTRY
112	RN	263170-64-5	REGISTRY
113	RN	263170-63-4	REGISTRY
114	RN	263170-62-3	REGISTRY
115	RN	263170-61-2	REGISTRY
116	RN	263170-60-1	REGISTRY
117	RN	263170-59-8	REGISTRY
118	RN	263170-58-7	REGISTRY
119	RN	263170-57-6	REGISTRY
120	RN	263170-56-5	REGISTRY
121	RN	263170-55-4	REGISTRY
122	RN	263170-54-3	REGISTRY
123	RN	263170-53-2	REGISTRY
124	RN	263170-52-1	REGISTRY
125	RN	263170-51-0	REGISTRY
126	RN	263170-50-9	REGISTRY
127	RN	263170-49-6	REGISTRY
128	RN	263170-48-5	REGISTRY
129	RN	263170-47-4	REGISTRY
130	RN	263170-46-3	REGISTRY
131	RN	263170-45-2	REGISTRY
132	RN	263170-44-1	REGISTRY
133	RN	263170-43-0	REGISTRY
134	RN	263170-42-9	REGISTRY
135	RN	263170-41-8	REGISTRY
136	RN	263170-40-7	REGISTRY
137	RN	263170-39-4	REGISTRY
138	RN	263170-38-3	REGISTRY
139	RN	263170-37-2	REGISTRY
140	RN	263170-34-9	REGISTRY
141	RN	263170-33-8	REGISTRY
142	RN	263170-32-7	REGISTRY
143	RN	263170-31-6	REGISTRY
144	RN	263170-30-5	REGISTRY
145	RN	263170-29-2	REGISTRY
146	RN	263170-28-1	REGISTRY
147	RN	263170-27-0	REGISTRY
148	RN	263170-26-9	REGISTRY
149	RN	263170-24-7	REGISTRY
150	RN	263170-23-6	REGISTRY
151	RN	263170-22-5	REGISTRY

152	RN	263170-21-4	REGISTRY
153	RN	263170-20-3	REGISTRY
154	RN	263170-19-0	REGISTRY
155	RN	263170-18-9	REGISTRY
156	RN	263170-17-8	REGISTRY
157	RN	263170-16-7	REGISTRY
158	RN	263170-15-6	REGISTRY
159	RN	263170-14-5	REGISTRY
160	RN	263170-13-4	REGISTRY
161	RN	263170-11-2	REGISTRY
162	RN	263170-10-1	REGISTRY
163	RN	263170-09-8	REGISTRY
164	RN	263170-08-7	REGISTRY
165	RN	263170-05-4	REGISTRY
166	RN	263170-02-1	REGISTRY
167	RN	263169-99-9	REGISTRY
168	RN	263169-98-8	REGISTRY
169	RN	263169-97-7	REGISTRY
170	RN	263169-96-6	REGISTRY
171	RN	263169-95-5	REGISTRY
172	RN	263169-94-4	REGISTRY
173	RN	263169-93-3	REGISTRY
174	RN	263169-91-1	REGISTRY
175	RN	263169-89-7	REGISTRY
176	RN	263169-87-5	REGISTRY
177	RN	263169-85-3	REGISTRY
178	RN	263169-84-2	REGISTRY
179	RN	263169-83-1	REGISTRY
180	RN	263169-82-0	REGISTRY
181	RN	263169-81-9	REGISTRY
182	RN	263150-44-3	REGISTRY
183	RN	263150-42-1	REGISTRY
184	RN	263150-40-9	REGISTRY
185	RN	263150-38-5	REGISTRY
186	RN	263150-36-3	REGISTRY
187	RN	263150-34-1	REGISTRY
188	RN	263150-32-9	REGISTRY
189	RN	263150-31-8	REGISTRY
190	RN	263150-30-7	REGISTRY
191	RN	263150-28-3	REGISTRY
192	RN	263150-26-1	REGISTRY
193	RN	263150-24-9	REGISTRY
194	RN	263150-22-7	REGISTRY
195	RN	263150-20-5	REGISTRY
196	RN	263150-18-1	REGISTRY
197	RN	263150-17-0	REGISTRY
198	RN	263150-16-9	REGISTRY
199	RN	263150-15-8	REGISTRY
200	RN	263150-14-7	REGISTRY
201	RN	263150-13-6	REGISTRY
202	RN	263150-11-4	REGISTRY
203	RN	263150-10-3	REGISTRY
204	RN	263150-08-9	REGISTRY
205	RN	263150-07-8	REGISTRY
206	RN	263150-06-7	REGISTRY
207	RN	263150-05-6	REGISTRY
208	RN	263150-04-5	REGISTRY
209	RN	263150-03-4	REGISTRY
210	RN	263150-01-2	REGISTRY
211	RN	263149-98-0	REGISTRY
212	RN	263149-95-7	REGISTRY

213	RN	263149-92-4	REGISTRY
214	RN	263149-90-2	REGISTRY
215	RN	263149-87-7	REGISTRY
216	RN	263149-85-5	REGISTRY
217	RN	263149-83-3	REGISTRY
218	RN	263149-81-1	REGISTRY
219	RN	263149-79-7	REGISTRY
220	RN	263149-77-5	REGISTRY
221	RN	263149-75-3	REGISTRY
222	RN	263149-74-2	REGISTRY
223	RN	263149-72-0	REGISTRY
224	RN	263149-70-8	REGISTRY
225	RN	263149-69-5	REGISTRY
226	RN	263149-68-4	REGISTRY
227	RN	263149-66-2	REGISTRY
228	RN	263149-63-9	REGISTRY
229	RN	263149-60-6	REGISTRY
230	RN	263149-57-1	REGISTRY
231	RN	263149-54-8	REGISTRY
232	RN	263149-52-6	REGISTRY
233	RN	263149-51-5	REGISTRY
234	RN	263149-50-4	REGISTRY
235	RN	263149-49-1	REGISTRY
236	RN	263149-48-0	REGISTRY
237	RN	263149-47-9	REGISTRY
238	RN	263149-46-8	REGISTRY
239	RN	263149-45-7	REGISTRY
240	RN	263149-44-6	REGISTRY
241	RN	263149-43-5	REGISTRY
242	RN	263149-42-4	REGISTRY
243	RN	263149-41-3	REGISTRY
244	RN	263149-36-6	REGISTRY
245	RN	263149-35-5	REGISTRY
246	RN	263149-34-4	REGISTRY
247	RN	263149-33-3	REGISTRY
248	RN	263149-32-2	REGISTRY
249	RN	263149-31-1	REGISTRY
250	RN	263149-30-0	REGISTRY
251	RN	263149-29-7	REGISTRY
252	RN	263149-28-6	REGISTRY
253	RN	263149-27-5	REGISTRY
254	RN	263149-26-4	REGISTRY
255	RN	263149-25-3	REGISTRY
256	RN	263149-24-2	REGISTRY
257	RN	263149-23-1	REGISTRY
258	RN	263149-22-0	REGISTRY
259	RN	263149-21-9	REGISTRY
260	RN	263149-20-8	REGISTRY
261	RN	263149-19-5	REGISTRY
262	RN	263149-18-4	REGISTRY
263	RN	263149-17-3	REGISTRY
264	RN	263149-16-2	REGISTRY
265	RN	263149-15-1	REGISTRY
266	RN	263149-14-0	REGISTRY
267	RN	263149-13-9	REGISTRY
268	RN	263149-12-8	REGISTRY
269	RN	263149-08-2	REGISTRY
270	RN	263149-07-1	REGISTRY
271	RN	263149-06-0	REGISTRY
272	RN	263149-04-8	REGISTRY
273	RN	263149-03-7	REGISTRY

274	RN	263149-02-6	REGISTRY
275	RN	263149-01-5	REGISTRY
276	RN	263149-00-4	REGISTRY
277	RN	263148-99-8	REGISTRY
278	RN	263148-98-7	REGISTRY
279	RN	263148-95-4	REGISTRY
280	RN	263148-93-2	REGISTRY
281	RN	263148-92-1	REGISTRY
282	RN	263148-91-0	REGISTRY
283	RN	263148-90-9	REGISTRY
284	RN	263148-89-6	REGISTRY
285	RN	263148-88-5	REGISTRY
286	RN	263148-87-4	REGISTRY
287	RN	257933-82-7	REGISTRY
288	RN	214489-60-8	REGISTRY
289	RN	214488-80-9	REGISTRY
290	RN	214487-24-8	REGISTRY
291	RN	214487-23-7	REGISTRY
292	RN	214487-22-6	REGISTRY
293	RN	214487-21-5	REGISTRY
294	RN	214487-20-4	REGISTRY
295	RN	214487-19-1	REGISTRY
296	RN	214487-18-0	REGISTRY
297	RN	214487-17-9	REGISTRY
298	RN	214487-16-8	REGISTRY
299	RN	214487-15-7	REGISTRY
300	RN	214487-14-6	REGISTRY
301	RN	214487-13-5	REGISTRY
302	RN	214487-12-4	REGISTRY
303	RN	214487-11-3	REGISTRY
304	RN	214487-10-2	REGISTRY
305	RN	214487-09-9	REGISTRY
306	RN	214487-08-8	REGISTRY
307	RN	214487-07-7	REGISTRY
308	RN	214487-06-6	REGISTRY
309	RN	214487-05-5	REGISTRY
310	RN	214487-04-4	REGISTRY
311	RN	214487-03-3	REGISTRY
312	RN	214487-02-2	REGISTRY
313	RN	214487-01-1	REGISTRY
314	RN	214487-00-0	REGISTRY
315	RN	214486-99-4	REGISTRY
316	RN	214486-98-3	REGISTRY
317	RN	214486-97-2	REGISTRY
318	RN	214486-96-1	REGISTRY
319	RN	214486-95-0	REGISTRY
320	RN	214486-94-9	REGISTRY
321	RN	214486-93-8	REGISTRY
322	RN	214486-92-7	REGISTRY
323	RN	214486-91-6	REGISTRY
324	RN	214486-90-5	REGISTRY
325	RN	214486-89-2	REGISTRY
326	RN	214486-88-1	REGISTRY
327	RN	214486-87-0	REGISTRY
328	RN	214486-86-9	REGISTRY
329	RN	214486-85-8	REGISTRY
330	RN	214486-84-7	REGISTRY
331	RN	214486-83-6	REGISTRY
332	RN	214486-82-5	REGISTRY
333	RN	214486-81-4	REGISTRY
334	RN	214486-80-3	REGISTRY

335	RN	214486-79-0	REGISTRY
336	RN	214486-78-9	REGISTRY
337	RN	214486-77-8	REGISTRY
338	RN	214486-76-7	REGISTRY
339	RN	214486-75-6	REGISTRY
340	RN	214486-74-5	REGISTRY
341	RN	214486-73-4	REGISTRY
342	RN	214486-72-3	REGISTRY
343	RN	214486-71-2	REGISTRY
344	RN	214486-70-1	REGISTRY
345	RN	214486-69-8	REGISTRY
346	RN	214486-68-7	REGISTRY
347	RN	214486-67-6	REGISTRY
348	RN	214486-66-5	REGISTRY
349	RN	214486-65-4	REGISTRY
350	RN	214486-64-3	REGISTRY
351	RN	214486-63-2	REGISTRY
352	RN	214486-62-1	REGISTRY
353	RN	214486-61-0	REGISTRY
354	RN	214486-60-9	REGISTRY
355	RN	214486-58-5	REGISTRY
356	RN	214486-57-4	REGISTRY
357	RN	214486-56-3	REGISTRY
358	RN	214486-55-2	REGISTRY
359	RN	214486-54-1	REGISTRY
360	RN	214486-53-0	REGISTRY
361	RN	214486-52-9	REGISTRY
362	RN	214486-51-8	REGISTRY
363	RN	214486-50-7	REGISTRY
364	RN	214486-49-4	REGISTRY
365	RN	214486-48-3	REGISTRY
366	RN	214486-47-2	REGISTRY
367	RN	214486-46-1	REGISTRY
368	RN	214486-45-0	REGISTRY
369	RN	214486-44-9	REGISTRY
370	RN	214486-43-8	REGISTRY
371	RN	214486-42-7	REGISTRY
372	RN	214486-41-6	REGISTRY
373	RN	214486-40-5	REGISTRY
374	RN	214486-39-2	REGISTRY
375	RN	214486-38-1	REGISTRY
376	RN	214486-37-0	REGISTRY
377	RN	214486-36-9	REGISTRY
378	RN	214486-35-8	REGISTRY
379	RN	214486-33-6	REGISTRY
380	RN	214486-31-4	REGISTRY
381	RN	214486-30-3	REGISTRY
382	RN	214486-29-0	REGISTRY
383	RN	214486-28-9	REGISTRY
384	RN	214486-27-8	REGISTRY
385	RN	214486-26-7	REGISTRY
386	RN	214486-25-6	REGISTRY
387	RN	214486-24-5	REGISTRY
388	RN	214486-23-4	REGISTRY
389	RN	214486-22-3	REGISTRY
390	RN	214486-14-3	REGISTRY
391	RN	214486-13-2	REGISTRY
392	RN	214486-12-1	REGISTRY
393	RN	214486-11-0	REGISTRY
394	RN	214486-10-9	REGISTRY
395	RN	214486-09-6	REGISTRY

396	RN	214486-08-5	REGISTRY
397	RN	214486-07-4	REGISTRY
398	RN	214486-06-3	REGISTRY
399	RN	214486-05-2	REGISTRY
400	RN	214486-04-1	REGISTRY
401	RN	214486-03-0	REGISTRY
402	RN	214486-02-9	REGISTRY
403	RN	214486-01-8	REGISTRY
404	RN	214486-00-7	REGISTRY
405	RN	214485-99-1	REGISTRY
406	RN	214485-98-0	REGISTRY
407	RN	214485-97-9	REGISTRY
408	RN	214485-96-8	REGISTRY
409	RN	214485-95-7	REGISTRY
410	RN	214485-94-6	REGISTRY
411	RN	214485-93-5	REGISTRY
412	RN	214485-92-4	REGISTRY
413	RN	214485-89-9	REGISTRY
414	RN	214485-85-5	REGISTRY
415	RN	214485-84-4	REGISTRY
416	RN	214485-83-3	REGISTRY
417	RN	214485-82-2	REGISTRY
418	RN	214485-81-1	REGISTRY
419	RN	214485-80-0	REGISTRY
420	RN	214485-79-7	REGISTRY
421	RN	214485-78-6	REGISTRY
422	RN	214485-77-5	REGISTRY
423	RN	214485-76-4	REGISTRY
424	RN	214485-75-3	REGISTRY
425	RN	214485-74-2	REGISTRY
426	RN	214485-73-1	REGISTRY
427	RN	214485-72-0	REGISTRY
428	RN	214485-71-9	REGISTRY
429	RN	214485-70-8	REGISTRY
430	RN	214485-69-5	REGISTRY
431	RN	214485-68-4	REGISTRY
432	RN	214485-67-3	REGISTRY
433	RN	214485-66-2	REGISTRY
434	RN	214485-65-1	REGISTRY
435	RN	214485-64-0	REGISTRY
436	RN	214485-63-9	REGISTRY
437	RN	214485-62-8	REGISTRY
438	RN	214485-61-7	REGISTRY
439	RN	214485-60-6	REGISTRY
440	RN	214485-59-3	REGISTRY
441	RN	214485-58-2	REGISTRY
442	RN	214485-57-1	REGISTRY
443	RN	214485-56-0	REGISTRY
444	RN	214485-55-9	REGISTRY
445	RN	214485-53-7	REGISTRY
446	RN	214485-52-6	REGISTRY
447	RN	214485-51-5	REGISTRY
448	RN	214485-50-4	REGISTRY
449	RN	214485-49-1	REGISTRY
450	RN	214485-48-0	REGISTRY
451	RN	214485-47-9	REGISTRY
452	RN	214485-46-8	REGISTRY
453	RN	214485-45-7	REGISTRY
454	RN	214485-44-6	REGISTRY
455	RN	214485-43-5	REGISTRY
456	RN	214485-42-4	REGISTRY

457	RN	214485-41-3	REGISTRY
458	RN	214485-40-2	REGISTRY
459	RN	214485-39-9	REGISTRY
460	RN	214485-38-8	REGISTRY
461	RN	214485-37-7	REGISTRY
462	RN	214485-36-6	REGISTRY
463	RN	214485-35-5	REGISTRY
464	RN	214485-32-2	REGISTRY
465	RN	214485-29-7	REGISTRY
466	RN	214485-28-6	REGISTRY
467	RN	214485-27-5	REGISTRY
468	RN	214485-26-4	REGISTRY
469	RN	214485-25-3	REGISTRY
470	RN	214485-24-2	REGISTRY
471	RN	214485-23-1	REGISTRY
472	RN	214485-22-0	REGISTRY
473	RN	214485-21-9	REGISTRY
474	RN	214485-20-8	REGISTRY
475	RN	214485-19-5	REGISTRY
476	RN	214485-18-4	REGISTRY
477	RN	214485-17-3	REGISTRY
478	RN	214485-16-2	REGISTRY
479	RN	214485-15-1	REGISTRY
480	RN	214485-14-0	REGISTRY
481	RN	214485-13-9	REGISTRY
482	RN	214485-12-8	REGISTRY
483	RN	214485-11-7	REGISTRY
484	RN	214485-10-6	REGISTRY
485	RN	214485-09-3	REGISTRY
486	RN	214485-08-2	REGISTRY
487	RN	214485-07-1	REGISTRY
488	RN	214485-06-0	REGISTRY
489	RN	214485-05-9	REGISTRY
490	RN	214485-04-8	REGISTRY
491	RN	214485-03-7	REGISTRY
492	RN	214485-02-6	REGISTRY
493	RN	214485-01-5	REGISTRY
494	RN	214485-00-4	REGISTRY
495	RN	214484-99-8	REGISTRY
496	RN	214484-98-7	REGISTRY
497	RN	214484-97-6	REGISTRY
498	RN	214484-96-5	REGISTRY
499	RN	214484-95-4	REGISTRY
500	RN	214484-94-3	REGISTRY
501	RN	214484-93-2	REGISTRY
502	RN	214484-92-1	REGISTRY
503	RN	214484-91-0	REGISTRY
504	RN	214484-90-9	REGISTRY
505	RN	214484-89-6	REGISTRY
506	RN	214484-88-5	REGISTRY
507	RN	214484-87-4	REGISTRY
508	RN	214484-86-3	REGISTRY
509	RN	214484-85-2	REGISTRY
510	RN	214484-84-1	REGISTRY
511	RN	214484-83-0	REGISTRY
512	RN	214484-82-9	REGISTRY
513	RN	214484-81-8	REGISTRY
514	RN	214484-80-7	REGISTRY
515	RN	214484-79-4	REGISTRY
516	RN	214484-78-3	REGISTRY
517	RN	214484-77-2	REGISTRY

518	RN	214484-76-1	REGISTRY
519	RN	214484-75-0	REGISTRY
520	RN	214484-74-9	REGISTRY
521	RN	214484-73-8	REGISTRY
522	RN	214484-72-7	REGISTRY
523	RN	214484-71-6	REGISTRY
524	RN	214484-70-5	REGISTRY
525	RN	214484-69-2	REGISTRY
526	RN	214484-68-1	REGISTRY
527	RN	214484-67-0	REGISTRY
528	RN	214484-66-9	REGISTRY
529	RN	214484-65-8	REGISTRY
530	RN	214484-64-7	REGISTRY
531	RN	214484-63-6	REGISTRY
532	RN	214484-62-5	REGISTRY
533	RN	214484-61-4	REGISTRY
534	RN	214484-60-3	REGISTRY
535	RN	214484-59-0	REGISTRY
536	RN	214484-58-9	REGISTRY
537	RN	214484-57-8	REGISTRY
538	RN	214484-56-7	REGISTRY
539	RN	214484-55-6	REGISTRY
540	RN	214484-54-5	REGISTRY
541	RN	214484-53-4	REGISTRY
542	RN	214484-52-3	REGISTRY
543	RN	214484-51-2	REGISTRY
544	RN	214484-50-1	REGISTRY
545	RN	214484-49-8	REGISTRY
546	RN	214484-48-7	REGISTRY
547	RN	214484-47-6	REGISTRY
548	RN	214484-46-5	REGISTRY
549	RN	214484-45-4	REGISTRY
550	RN	214484-44-3	REGISTRY
551	RN	214484-43-2	REGISTRY
552	RN	214484-42-1	REGISTRY
553	RN	214484-41-0	REGISTRY
554	RN	214484-40-9	REGISTRY
555	RN	214484-39-6	REGISTRY
556	RN	214484-37-4	REGISTRY
557	RN	214484-36-3	REGISTRY
558	RN	214484-34-1	REGISTRY
559	RN	214484-33-0	REGISTRY
560	RN	214484-32-9	REGISTRY
561	RN	214484-31-8	REGISTRY
562	RN	214484-30-7	REGISTRY
563	RN	214484-29-4	REGISTRY
564	RN	214484-28-3	REGISTRY
565	RN	214484-27-2	REGISTRY
566	RN	214484-25-0	REGISTRY
567	RN	214484-24-9	REGISTRY
568	RN	214484-23-8	REGISTRY
569	RN	214484-22-7	REGISTRY
570	RN	214484-21-6	REGISTRY
571	RN	214484-20-5	REGISTRY
572	RN	214484-19-2	REGISTRY
573	RN	214484-18-1	REGISTRY
574	RN	214484-17-0	REGISTRY
575	RN	214484-16-9	REGISTRY
576	RN	214484-15-8	REGISTRY
577	RN	214484-14-7	REGISTRY
578	RN	214484-13-6	REGISTRY

```
579       RN              214484-12-5  REGISTRY
580       RN              214484-11-4  REGISTRY
581       RN              214484-09-0  REGISTRY
582       RN              214484-07-8  REGISTRY
583       RN              214484-05-6  REGISTRY
584       RN              214484-03-4  REGISTRY
585       RN              214484-01-2  REGISTRY
586       RN              214483-99-5  REGISTRY


=> fil caplus

FILE 'CAPLUS' ENTERED AT 13:58:38 ON 07 NOV 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.

FILE COVERS 1967 - 7 Nov 2000  VOL 133 ISS 20
FILE LAST UPDATED: 6 Nov 2000  (20001106/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

  This file supports REGlstRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

Now you can extend your author, patent assignee, patent information,
and title searches back to 1907.  The records from 1907-1966 now have
this searchable data in CAOLD.  You now have electronic access to all
of CA: 1907 to 1966 in CAOLD and 1967 to the present in CAPLUS on STN.

*** YOU HAVE NEW MAIL ***

=> s l3

L4            6 L3

=> d 1- reg can

'REG' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
APPS -------- AI, PRAI
BIB --------- AN, plus Bibliographic Data and PI table (default)
CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
```

IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, IPC, and NCL

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
its structure diagram
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

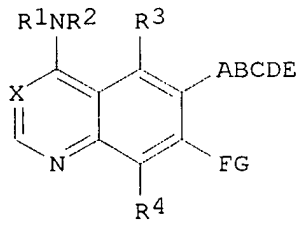
All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.
ENTER DISPLAY FORMAT (BIB):cbib abs

YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

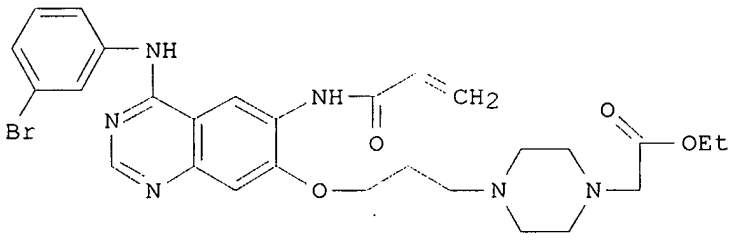
L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2000 ACS
2000:628125 Document No. 133:207919 Preparation of 4-amino-quinazoline and quinoline derivatives having an inhibitory effect on signal transduction mediated by tyrosine kinases useful for treating tumoral diseases, lung and respiratory tract diseases. Himmelsbach, Frank; Langkopf, Elke; Jung, Birgit; Metz, Thomas; Solca, Flavio; Blech, Stefan (Boehringer Ingelheim Pharma K.-G., Germany). PCT Int. Appl. WO 2000051991 A1 20000908, 232 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,

TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 2000-EP1496 20000224. PRIORITY: DE 1999-19908567 19990227; DE 1999-19911366 19990315; DE 1999-19928306 19990621; US 1999-PV149329 19990817; DE 1999-19954816 19991113.

GI



I



II

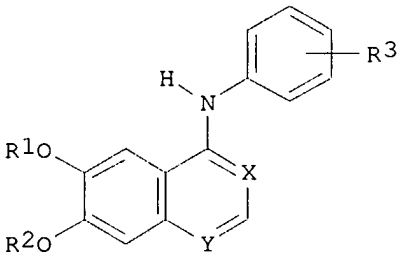
AB Title compds. [I; R1 = H, C1-C4-alkyl; R2 = (un)substituted Ph, benzyl, 1-phenylethyl; R3, R4 independently = H, F, Cl, CH3O, CH3OCH2, (CH3)2NCH2, (CH3CH2)2NCH2, pyrrolidino, piperidino, morpholino; X = C(CN), N; A = O, NH, (C1-C4)-alkylN; B = CO, SO2; C = 1,3-allenylene, 1,1-vinylene, 1,2-vinylene, 1,3-butadien-1,4-ylene, with CH3, CF3 substitution; D = alkylene, CO-alkylene, SO2-alkylene; CO, SO2; E = HOCO(CH2)nNR5, (HO)2P(:O)(CH2)nNR5; n = 1-6; R5 = H, alkyl], tautomers, stereoisomers, and physiol. acceptable salts are prepd. and having valuable pharmacol. properties, particularly an inhibiting effect on signal transduction mediated by tyrosine kinases. Title compds. are useful for treating tumoral diseases, diseases of the lungs and respiratory tract. Thus, the title compd. II was prepd. and tested by Cell Titer 96TM Aq. Nonradioactive Cell Proliferation Assay.

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2000 ACS

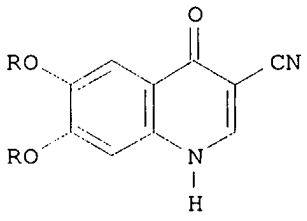
2000:543462 Document No. 133:237831 4-Anilino-6,7-dialkoxyquinoline-3-carbonitrile inhibitors of epidermal growth factor receptor kinase and their bioisosteric relationship to the 4-anilino-6,7-dialkoxyquinazoline inhibitors. Wissner, Allan; Berger, Dan M.; Boschelli, Diane H.; Floyd, M. Brawner Jr.; Greenberger, Lee M.; Gruber, Brian C.; Johnson, Bernard D.; Mamuya, Nellie; Nilakantan, Ramaswamy; Reich, Marvin F.; Shen, Ru; Tsou, Hwei-Ru; Upeslacis, Erik; Wang, Yu Fen; Wu, Biqi; Ye, Fei; Zhang,

Nan (A Division of American Home Products, Wyeth-Ayerst Research, Pearl River, NY, 10965-1215, USA). J. Med. Chem., 43(17), 3244-3256 (English) 2000. CODEN: JMCMAR. ISSN: 0022-2623. Publisher: American Chemical Society.

GI



I



II

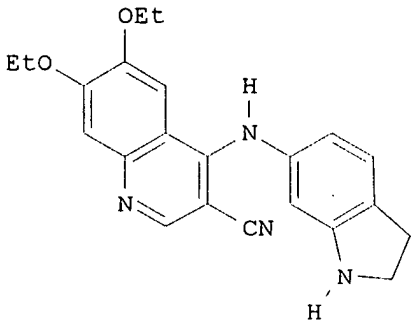
AB The synthesis and SAR (structure-activity relationship) of a series of 4-anilino-6,7-dialkoxyquinoline-3-carbonitrile inhibitors of epidermal growth factor receptor (EGF-R) kinase, I [R1 = Me, Et, MeOCH2, MeO(CH2)2, R2 = H, Et, MeO(CH2)2, etc.; R1R2 = CH2, CH2CH2,(CH2)3, R3 = 3-Br, 4-F, 3-NHAc, etc., X = CCO2Et, N, CCN, etc., Y = N, CCN], are described. Condensation of 3,4-dialkoxyanilines with Et (ethoxymethylene)cyanoacetate followed by thermal cyclization gave, regiospecifically, 6,7-dialkoxy-4-oxo-1,4-dihydroquinoline-3-carbonitriles, e.g. II (R = Et, Me). Chlorination (POCl3) followed by the reaction with substituted anilines furnished the 4-anilino-6,7-dialkoxyquinoline-3-carbonitrile inhibitors of EGF-R kinase. An alternate synthesis of these compds. starts with a Me 3,4-dialkoxybenzoate. Nitration followed by redn. (Fe, NH4Cl, MeOH-H2O) gave a Me 2-amino-4,5-dialkoxybenzoate. Amidine formation using DMF-acetal followed by cyclization using LiCH2CN furnished a 6,7-dialkoxy-4-oxo-1,4-dihydroquinoline-3-carbonitrile, which was transformed as before. Compds. contg. acid, ester, amide, carbinol, and aldehyde groups at the 3-position of the quinoline ring were also prepd. for comparison, as were several 1-anilino-6,7-dimethoxyisoquinoline-4-carbonitriles. The compds. were evaluated for their ability to inhibit the autophosphorylation of the catalytic domain of EGF-R. The SAR of these inhibitors with respect to the nature of the 6,7-alkoxy groups, the aniline substituents, and the substituent at the 3-position was studied. The compds. were further evaluated for their ability to inhibit the growth of cell lines that overexpress EGF-R or HER-2. It was found that 4-anilinoquinoline-3-carbonitriles are effective inhibitors of EGF-R kinase with activity comparable to the 4-anilinoquinazoline-based inhibitors. A new homol. model of EGF-R kinase was constructed based on the X-ray structures of Hck and FGF receptor-1 kinase. The model suggests that with the quinazoline-based inhibitors, the N3 atom is hydrogen-bonded to a water mol. which, in turn, interacts with Thr 830. It is proposed that the quinoline-3-carbonitriles bind in a similar manner where the water mol. is displaced by the cyano group which interacts with the same Thr residue.

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2000 ACS

2000:227652 Document No. 132:265101 Preparation of 3-cyanoquinolines as protein tyrosine kinase inhibitors. Wissner, Allan; Tsou, Hwei-Ru;

Berger, Dan Maarten; Floyd, Middleton Brawner, Jr.; Hamann, Philip Ross; Zhang, Nan; Salvati, Mark Ernest; Frost, Philip (American Cyanamid Company, USA). PCT Int. Appl. WO 2000018761 A1 20000406, 195 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-US22054 19990922. PRIORITY: US 1998-162802 19980929.

GI



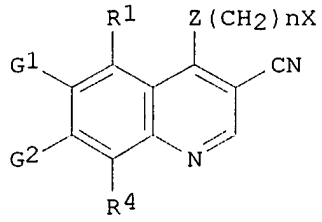
II

AB X(CH2)nZZ1CN [I; X = (un)substituted bicyclic (hetero)aryl or LTA; A = (un)substituted phenylene, -pyridinediyl, -pyrimidinediyl; T = O, S, (alkyl)imino(alkylene), oxyalkylene, etc.; Z = O, S, (alkyl or alkanoyl)imino; Z1 = 2-unsubstituted-5,6,7,8-(un)substituted quinoline-4,3-diyl; n = 0 or 1] were prepd. Thus, Me 2-amino-4,5-diethoxybenzoate was N-condensed with HCNMe2/POCl3 and the product cyclocondensed with MeCN to give, after POCl3 treatment, 4-chloro-6,7-diethoxyquinoline-3-carbonitrile which was aminated by 6-aminoindoline to give title compd II. Data for biol. activity of I were given.

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2000 ACS

2000:227636 Document No. 132:265100 Preparation of substituted 3-cyanoquinolines as protein tyrosine kinases inhibitors. Wissner, Allan; Tsou, Hwei-Ru; Berger, Dan Maarten; Floyd, Middleton Brawner, Jr.; Hamann, Philip Ross; Zhang, Nan; Frost, Philip (American Cyanamid Company, USA). PCT Int. Appl. WO 2000018740 A1 20000406, 164 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-US22056 19990922. PRIORITY: US 1998-162289 19980929.

GI

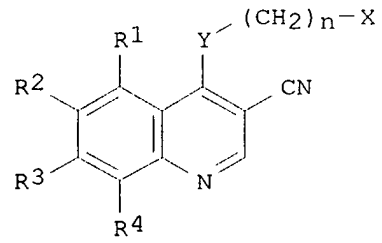


I

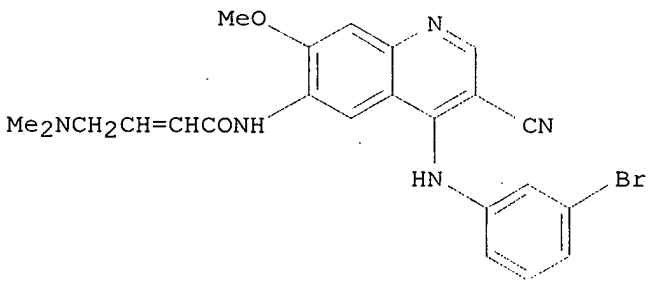
AB The title compds. I [X = cycloalkyl, pyridinyl, pyrimidinyl, etc.; Z = NH,
O, S, NR; G1, G2, R1, R4 = H, halo, alkyl, alkynyl, etc.; n = 0,1], protein tyrosine kinase inhibitors, were prepd. E.g., 4-(2-methoxyethoxy)but-2-ynoic acid [4-(3-bromophenylamino)-3-cyanoquinolin-6-yl]amide was prepd. I are useful as antineoplastic agents.

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2000 ACS
1999:794373 Document No. 132:35620 Preparation of substituted 3-cyanoquinolines as inhibitors of growth factor receptor protein tyrosine
kinases (PTK). Wissner, Allan; Johnson, Bernard D.; Reich, Marvin F.; Floyd, Middleton B. , Jr.; Kitchen, Douglas B.; Tsou, Hwei-ru (American Cyanamid Co., USA). U.S. US 6002008 A 19991214, 80 pp. (English). CODEN: USXXAM. APPLICATION: US 1998-49718 19980327. PRIORITY: US 1997-41963 19970403.

GI



I



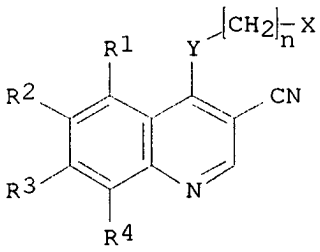
II

AB This invention provides compds. having the formula (I; wherein: X is cycloalkyl which may be optionally substituted; or is a pyridinyl, pyrimidinyl, or Ph ring; wherein the pyridinyl, pyrimidinyl, or Ph ring may be optionally substituted; n is 0-1; Y is NH, O, S, or NR; R is alkyl of 1-6 carbon atoms; R1, R2, R3, and R4 are each, independently, hydrogen, halogen, alkyl, alkenyl, alkynyl, alkenyloxy, alkynoyloxy, hydroxymethyl, halomethyl, alkanoyloxy, alkenoyloxy, alkynyloxy, alkanoyloxymethyl, alkenoyloxymethyl, alkynoyloxymethyl, alkoxymethyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulfonyl, alkylsulfonamido, alkenylsulfonamido, alkynylsulfonamido, hydroxy, trifluoromethyl, cyano, nitro, carboxy, carboalkoxy, carboalkyl, phenoxy, Ph, thiophenoxy, benzyl, amino, hydroxyamino, alkoxyamino, alkylamino, dialkylamino, aminoalkyl, N-alkylaminoalkyl, N,N-dialkylaminoalkyl, phenylamino, benzylamino, etc.; R5 is alkyl which may be optionally substituted, or Ph which may be optionally substituted; R6 is hydrogen, alkyl, or alkenyl; R7 is chloro or bromo; R8 is hydrogen, alkyl, aminoalkyl, N-alkylaminoalkyl, N,N-dialkylaminoalkyl, N-cycloalkylaminoalkyl, N-cycloalkyl-N-alkylaminoalkyl, N,N-dicycloalkylaminoalkyl, morpholino-N-alkyl, piperidino-N-alkyl, N-alkyl-piperidino-N-alkyl, azacycloalkyl-N-alkyl, hydroxyalkyl, alkoxyalkyl, carboxy, carboalkoxy, Ph, carboalkyl, chloro, fluoro, or bromo; Z is amino, hydroxy, alkoxy, alkylamino, dialkylamino). The compds. of the present invention inhibit the action of certain growth factor receptor protein tyrosine kinases (PTK) thereby inhibiting the abnormal growth of certain cell types. They are therefore useful for the treatment of certain diseases that are the result of deregulation of these PTKs, in particular as anti-cancer agents for the treatment of cancers expressing epidermal growth factor receptor (EGFR), mitogen activated protein kinase (MAPK), epithelial kinase (ECK), and kinase insert domain contg. receptor (KDR) in mammals and for the treatment of polycystic kidney disease in mammals. Thus, To a mixt. of 1.9 g (5.1 mmol) of 4-[(3-bromophenyl)amino]-7-methoxy-6-amino-3-quinolinecarbonitrile and 5.3 mL (31 mmol) of Hunig's base in 110 mL of dry THF at 0.degree. C., with stirring, was added a THF soln. contg. 5.7 g (31 mmol) of 4-bromocrotonyl chloride dropwise. The mixt. was stirred for addnl. 0.5 h. After addn. 100 mL of satd. sodium chloride soln. was added to the reaction mixt., then it was extd. with Et acetate. The Et acetate soln. was dried over sodium sulfate and then was added to 40 mL of di-Me amine soln. (2.0 M in THF) at 0.degree. dropwise and stirred an addnl. 0.5 h to give 4-Dimethylamino-but-2-enoic acid [4-(3-bromo-phenylamino)-3-cyano-7-methoxy-quinolin-6-yl]amide (II). II showed IC50 of 0.000008 .mu.M against epidermal growth factor receptor kinase.

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2000 ACS

1998:682233 Document No. 129:302564 Preparation of substituted 3-cyanoquinolines as inhibitors of protein tyrosine kinase. Wissner, Allan; Johnson, Bernard Dean; Reich, Marvin Fred; Floyd, Middleton Brawner, Jr.; Kitchen, Douglas B.; Tsou, Hwei-ru (American Cyanamid Co., USA). PCT Int. Appl. WO 9843960 A1 19981008, 223 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US6480 19980402. PRIORITY: US 1997-826604 19970403.

GI



I

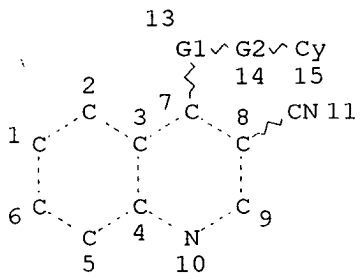
AB The title compds. [I; X = (un)substituted cycloalkyl, pyridinyl, pyrimidinyl, Ph; n = 0-1; Y = NH, O, S, NR; R = = C1-6 alkyl; R1-R4 = H, halo, alkyl, etc. (with the proviso that when Y = NH; R1-R4 = H; n = O; X is not 2-methylphenyl)], inhibitors of protein tyrosine kinase which are useful in treating, inhibiting the growth of, or eradicating a neoplasm. which expresses EGFR, MAPK, ECK or KDR, and in treating polycystic kidney disease, were prepd. Thus, treatment of 2-butynoic acid with iso-Bu chloroformate and N-methylmorpholine in THF followed by the addn. of this soln. of the mixed anhydride to a soln. of 6-amino-4-[(3-bromophenyl)amino]-7-methoxy-3-quinolinecarbonitrile (prepn. described) in THF over a 24 h period afforded I [Y = NH; n = 0; X = 3-BrC6H4; R1 = R4 = H; R2 = MeC.tplbond.CC(O)NH; R3 = MeO] which showed IC50 of 0.15 .mu.M against epidermal growth factor receptor kinase (A431 membrane ext.).

=> str l1

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> dis l5 sia

L5 HAS NO ANSWERS
L5 STR



VAR G1=O/N/S
REP G2=(0-1) CH2
NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES: